

United States Department of the Interior

FISH AND WILDLIFE SERVICE Yreka Fish and Wildlife Office 1829 South Oregon Street Yreka, California 96097

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March 3, 2003

To: All Parties Interested in Fishery Restoration Work for the Klamath Restoration Program

The U.S. Fish and Wildlife Service (Service) invites proposals for actions to restore anadromous fish stocks of the Klamath River Basin, California. Within certain limitations, the Service may provide funds for this work to public agencies, non-profit organizations, Indian tribes, and individuals.

Fishery restoration work will be part of the Klamath River Basin Conservation Area Restoration Program (Klamath Restoration Program), a twenty year program authorized by Congress in 1986.

The Klamath Restoration Program is administered by the Service, with guidance provided by the Klamath River Basin Fisheries Task Force (Task Force) and Technical Work Group, which is composed of representatives from resource agencies, tribes and interest groups.

A long-range plan has been approved for the Klamath Restoration Program. In addition, the Task Force and Technical Work Group are continuing a process of Klamath River sub-basin planning. Priority objectives have been identified for each sub-basin and are provided in Appendix 1.

Proposals are invited for work directed toward achieving these priorities, and for other related work that meets the goals and objectives of the Klamath Restoration Program and Long Range Plan (Appendix 1), or for the work that implements program activities (Appendix 4) as outlined in the Klamath Act. Proposals that do not meet the goals and objectives of the Restoration Program will not be evaluated or ranked. Proposals must be prepared in the format outlined in the enclosed "Format for Project Proposal" (Appendix 5).

The "Klamath River Basin" is defined here to include the Klamath River watershed, excluding the Trinity River. The Trinity River is excluded here because fish restoration in the Trinity River subbasin is funded through a separate restoration program administered by the Bureau of Reclamation.

Signed agreements between private landowners and the Service will likely be required prior to funding on-the-ground restoration projects on private lands. Also, be advised that you will be responsible for securing all applicable permits for your project. Permits may include, but not be limited to, a Streambed Alteration Permit from the California Department of Fish and Game.

On-the-ground projects will be required to be in compliance with Sections 401 and 404 of the Clean Water Act, Sections 7 and 10 of the Endangered Species Act, and the National Historic Preservation Act of 1966, as well as Department of the Interior regulations on hazardous substance determinations. Project site surveys will be required in order to comply with these regulations. You should include the results of any completed archaeological or biological surveys in your proposal package. If surveys have not been completed, you may incorporate the cost of a survey into your proposal budget.

Monitoring proposals are encouraged. These proposals should have a direct relationship to past, planned, or ongoing habitat and/or water quality restoration projects. Monitoring projects must lead towards the Klamath Restoration Program's goals.

Parties interested in submitting proposals to accomplish work under this program should submit 15 hole-punched, legible copies. Please note that <u>no</u> faxes will be accepted. The proposals must have a U. S. Postal Service postmark dated no later than May 1, 2003, or they may be hand delivered no later than 4:30 p.m., May 1, 2003, to the following address:

U.S. Fish and Wildlife Service Yreka Fish and Wildlife Office 1829 South Oregon Street Yreka, CA 96097

After proposals are received, they will be reviewed and ranked by the Technical Work Group (please see ranking criteria, Appendix 8), with the final decision on funding to be made by the Task Force for funding in Fiscal Year 2004. If you have questions, please contact Laurie Simons at the letterhead address or phone number.

Sincerely,

Phil Detrich Field Supervisor

Attachments

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	ļ	X = ident	ified needs	? = potential	problem	~ = not ident	fied as a pro	blem_	
				Mainstem	LW Klam	Mid Klam	Salmon	Scott	Shooto
ATEGORY	<u> </u>		<u> </u>	Mainstein	LVV Nam	Wild Klaill	Saimon	Scott	Shasta
		ootion and	Restoration	L					
A) IIIS				X	Х	Х	X		
	improven	ality/quant ent		^ _	X 	^		X	X
	Instream	habitat imp	rovement	?	Х	?	?	Х	Х
B) Ri	oarian Prot	ection & R	estoration					-	
	Canopy c	over impro	vement	~	Х	Х	Х	Х	Х
	Erosion c	ontrol		?	Х	X	?	Х	Х
	Protection	1		?	X	~	Х	Х	Х
	Maintena	nce of natu	ral diversity	?	?	~	?	Х	Х
0) 11:		1	<u> </u>	<u> </u>	.				
C) Up	T		Restoration						
		ality/quanti		?	X	~	X	X	X
		nd sedime		?	X	X	X	X	X
	Maintena	nce of natu	ral diversity	?	?	~	?	Х	?
D) H	atcheries			?	?	Х	~	?	Х
E) Ec	lucation ar	d Commu	nication	X	X	Х	Х	Х	Х
ATEGORY	<u> </u>								
		rdination ar	nd Planning						
	T-	Coordinati		?	Х	?	Х	Х	Х
	Subbasin			?	Х	Х	Х	Х	Х
ATEGORY	<u> </u>								
	esearch			Х	Х	Х	X	X	X
B) M	lonitoring			Х	Х	Х	X	Х	Х
C) As	Lssessment	1		X	X	X	Х	X	X
				* Category III		ves should coi			

Definitions of subbasin planning units and a glossary of identified project needs are on the following page.

DEFINITION OF TASK FORCE SUBBASINS

Subbasins: Area Covered:

Mainstem The estuary and the main river up to Klamath Lake.

Lower Klamath All tributaries/watersheds from the mouth to the confluence with the Trinity River.

Mid Klamath All tributaries/watersheds from the Trinity River to Iron Gate Dam.

Upper Klamath All tributaries/watersheds above Iron Gate Dam.

Salmon The Salmon River watershed.
Scott The Scott River watershed.
Shasta The Shasta River watershed.

Basinwide The Klamath River watershed, or activities that encompass more than one subbasin.

GLOSSARY OF IDENTIFIED PROJECT NEEDS

CATEGORY 1: Education, habitat protection and restoration construction, and artificial propagation projects.

A) Instream Protection and Restoration

Water Quantity improvement - Promote adequate water flow for all anadromous species and life stages Water Quality Improvement - Protect/Restore high water quality.

Instream Habitat improvement - Enhance/Restore physical within-channel spawning and rearing habitat Fish Passage - Correct fish passage problems.

Screens - Install fish exclusion screens on water diversions

B) Riparian Protection & Restoration

Canopy cover improvement - Enhance/Restore riparian vegetation for temperature control Erosion control - Erosion prevention/control measures.

Protection - Access and exclusion measures to protection riparian areas

Maintenance of natural diversity - Measures to protect/restore/enchance natural diversity of riparian areas

C) Upslope Protection and Restoration

Water quality/quantity/timing - Measures to protect/enhance/restore water quality/quantity/timing related to land management and development

Erosion and sediment control - Prevention and control of both point-source and non-point source erosion Maintenance of natural diversity - Measures to protect/restore/enhance natural diversity of non-riparian areas

- D) Hatcheries hatchery practices Investigate the effectiveness of artificial propagation methods and the impacts of artificial propagation on native fish stocks.
- E) Education and Communication Provide landowner and/or public education and workshops, encourage involvement.

CATEGORY II: Support Projects

Subbasin Coordination and Planning - Coordinate Task Force and local restoration projects. The proposal should provide for a Draft or Final Subbasin Plan that will contain the information in the Task Force approved outline for Subbasin Plans (Appendix 9).

Subbasin Planning - Support Subbasin Planning development.

*CATEGORY III: Collectively all other projects (includes research, monitoring and assessment projects).

- A) Research
- B) Monitoring
- C) Assessment

Sensitive, Threatened, and Endangered Species - Monitoring studies emphasizing sensitive, threatened, and endangered anadromous fish species are encouraged.

GOALS AND OBJECTIVES OF THE KLAMATH RIVER BASIN CONSERVATION AREA FISHERY RESTORATION PROGRAM

GOALS:

The following goals are to provide the Task Force its long-range direction in accomplishing the restoration of the Klamath River Basin anadromous fish populations.

- I. Restore, by the year 2006, the biological productivity of the Klamath River Basin in order to provide viable commercial and recreational ocean fisheries and in-river tribal (subsistence, ceremonial and commercial) and recreational fisheries.
- II. Ensure that the Klamath Fishery Management Council devises harvest regulation recommendations that will provide for viable commercial, recreational and tribal fisheries.
- III. Recommend to the Congress, state legislatures and local governments the actions each must take to protect the fish and fish habitats of the Klamath River Basin.
- IV. Inform the public about the value of anadromous fish to the Klamath River region and gain their support for the Restoration Program.
- V. Promote cooperation relationships between the lawful users of the Basin's land and water resources and those who are primarily concerned with the implementation of the Restoration Plan and Program.

OBJECTIVES:

- I. Protect stream and riparian habitat from potential damages caused by timber harvesting and related activities.
- II. Ensure that mining activities do not cause habitat damage.
- III. Protect and improve water quality of stream habitat from adverse agricultural practices.
- IV. Protect salmon and steelhead habitat from harmful effects of water and power projects in the Klamath Basin.
- V. Protect the instream flow needs of salmon and steelhead in streams affected by water diversions.
- VI. Restore the habitat of anadromous fish of the Klamath River Basin by using appropriate methods that address the factors that limit the production of these species.
- VII. Strive to protect the genetic diversity of anadromous fishes in the Klamath River Basin.
- VIII. Iron Gate and Trinity River Hatchery should be operated to produce salmon and steelhead to mitigate for the losses of habitat above their dams, at the same time, strive to reduce impacts on native fish.
- IX. Small-scale rearing programs should be temporary measures, primarily for the purpose of accelerating the rebuilding of locally-adapted native salmon and steelhead populations, and operated to maintain the genetic integrity of such populations. Ideally, small-scale rearing programs should be operated in conjunction with habitat restoration projects.
- X. Promote public interest in the Klamath River Basin's anadromous fish, their beneficial use and habitat requirements and gain support for the Restoration Program's plans and efforts to restore fish habitat and population numbers.
- XI. Provide adequate and effective administration to successfully implement the Restoration Plan and Program.

PROGRAM ACTIVITIES, AS SPECIFIED IN THE KLAMATH ACT (16 USC 460 ss-ss6)

Section 460 ss-1(b)(2)(B) Program Activities

Take such actions as are necessary to --

- i. improve and restore Area habitats, and to promote access to blocked Area habitats, to support increased run sizes;
- ii. rehabilitate problem watersheds in the Area to reduce negative impacts on fish and fish habitats;
- iii. improve existing Area hatcheries and rearing ponds to assist in rebuilding the natural populations.
- iv. implement an intensive, short-term stocking program to rebuild run sizes while maintaining the genetic integrity and diversity of the Area sub-basin stocks; and
- v. improve upstream and downstream migration by removal of obstacles to fish passage and the provision of facilities for avoiding obstacles.

FORMAT FOR PROJECT PROPOSALS

PROPOSAL FORMAT:

Complete the attached summary sheet (Appendix 3.1) and include it as a cover for your proposal. If you have letterhead stationery, please use it only on the transmittal letter for the package. You must follow the format outlined in this section or your project may be rejected. Use separate pages for the cover and budget sections of the proposal and supporting material, such as maps, pictures, and drawings. Proposals and supporting material must be printed on 8.5 x 11 inch white paper. Please complete and return the proposed project location base maps (Appendix 6). Projects in more than one location should be separate proposals.

Be brief. Keep it short and to the point.

ADDRESS YOUR AUDIENCE

Many people will be reviewing this proposal and their levels of expertise about your particular project will vary. Try to anticipate and answer questions.

1. Project Title

2. Proposer

Identify who is submitting this proposal (agency, tribe, etc.) and be sure to identify the contact person. Attach a Resume or other description of the education and experience of the persons responsible for project implementation (eg. project manager, contractor).

3. Program Information

Summarize information about the problem or opportunity addressed by your proposal. Place the project in context: What are the priorities for that area and the probability of providing measurable benefits?

4. Background

Provide enough background information to bring reviewers up-to-date on the need for this proposal. This will assist the Technical Work Group in ranking your proposal. In addition, provide qualitative and quantitative species information in the proposal if it is applicable and available. This information may be from a number of sources. Consult the *Long Range Plan for the Klamath River Basin Conservation Area Restoration Program*.

5. Project Objective(s)

State the objectives of your proposal in complete sentences. It is important that your project addresses the Restoration Program goals and objectives listed in Appendix 1. (Remember, "goals" are general statements, "objectives" are measurable tasks that can be quantified.)

6. Tasks

State the specific actions which must be taken to achieve the project objectives.

7. Methods

Provide design specifications for on-the-ground projects. If your proposed methods utilize specific techniques, equipment or procedures, then these methods should be identified and described.

All on-the-ground projects must include an appropriate monitoring plan.

8. Specific Work Products

Identify specific deliverable results of the project. Normally, project managers will be required to submit quarterly, annual and final project reports.

9. Project Duration

- a. Identify project duration from the beginning of project through submittal of a final report. Note that duration of a project funded from Fiscal Year 2004 appropriations may extend beyond the end of the fiscal year.
- b. Identify points at which decisions could logically be made to modify or terminate a project.
- c. Provide a detailed project schedule to include:

Initiation of project

Completion date for each milestone or major task.

Submittal dates for reports. (Usually 15 days after the end of quarter and 90 days after completion of project.)

10. Permits

You will be responsible for securing all applicable permits for your project. Permits may include, but not be limited to, a Streambed Alteration Agreement from the California Department of Fish and Game

On-the-ground (dirt moving) projects will be required to be in compliance with Sections 401 and 404 of the Clean Water Act, Sections 7 and 10 of the Endangered Species Act, and the National Historic Preservation Act of 1966, as well as Department of the Interior regulations on hazardous substance determinations. Project site surveys will be required in order to comply with these regulations. You should include the results of any completed archaeological or biological surveys in your proposal package. If surveys have not been completed, you may have to incorporate the cost of a survey into your proposal budget.

Necessary permits and landowner permission will be required prior to finalization of an agreement. Evidence of permits and landowner permission must be provided to the U.S. Fish and Wildlife Service, Yreka River Fish and Wildlife Office.

11. Employment of Targeted Groups

The Klamath Restoration Act states "To the extent practicable, any restoration work performed under paragraph (2)(B) will be performed by unemployed:

- Commercial fisherman
- Indians
- Other person whose livelihood depends upon Area fishery resources.

12. Volunteer Contributions

The Klamath Act recognizes in-kind contributions by volunteers as contributions to the Klamath Restoration Program. Describe how your proposal would make use of volunteers.

13. Matching Funds

The Task Force realizes that we can make our restoration dollars go farther if other sources are found to match our investments. Seek matching funds and show these in your proposal. Indicate if these matches are state or federal matches. Also indicate other funding sources to which you have applied, or plan to apply during this year, to match this project.

14. Budget

Provide a detailed budget for the project. Detail how matching or in-kind contributions are determined. In-kind contributions may include donated labor, materials, or equipment. Matching funds are those funds contributed to the project from other funding sources. Successful proposals will be funded from Fiscal Year 2004 appropriations only, and funding in future fiscal years is expected to be subject to annual competition. Administrative overhead should not exceed 15 percent, although the Task Force has funded projects with higher overhead in the past. Project costs, qualifying in-kind, and matching contributions must be incurred only during project implementation and must be directly tied to the overall project costs. All costs must be supported by appropriate invoices. The detailed budget should include line entries as described in the attached Estimated Budget Worksheet (Appendix 3.2). The Budget portion of your proposal will be carefully reviewed. Be sure that all costs are presented as described above, and all computations are accurate.

15. Project Location

In order to enhance the monitoring of proposals and projects funded by the Klamath River Basin Conservation Area Restoration Program, proposers are provided with a series of base maps (Appendix 6) to be used for referencing the location of projects. Project proposers are requested to complete the following section and submit this information with the completed proposal packet.

- A. Please indicate the location of the proposed project. Identify the project location by placing a color point on the base maps provided. For projects that are linear in nature, please highlight the stream reach of the proposed project (the hydrology network depicted on the base maps corresponds to 1:100,000 USGS topographic maps and are part of the EPA River Reach File (RF3) data layers).
- B. Please provide the information requested on the base maps including: Project proposer, project title, fiscal year, stream name, tributary information, USGS Quad Name (1:24,000).
- C. Refer to standard USGS 1:24,000 quad to obtain the Township/Range and Section Number (Public Land Survey System) of the proposed project location.

Additional Information Requested (Optional).

This information will be used to enhance the monitoring of the projects funded by the Restoration Program and, an understanding of the problem or opportunity addressed by the proposal. It is understood that project proposers may be unable to provide this additional information.

- D. When applicable, please provide a detailed site map of the proposed project using a 8.5" x 11" photocopied section (or enlargement) of the USGS 1:24,000 quad the project will be located in. Please include any site specific project information, and reference the quad name, township/range and section number.
- E. When applicable, please submit:
 - (1) a color photograph and
 - (2) associated negative of the proposed project location.

Photographs and negatives will be converted into digital images for future integration into the Klamath Resource Information System (KRIS), Geographic Information Systems (GIS) and other data bases.

F. If project proposers submit photographs with the proposal packet, proposers should make copies of the photographs and negatives for their own records (submitted photographs and negatives will be archived at the Yreka River Fish and Wildlife Office, Yreka, CA). If applicable, upon completion of project, the project contract may required the contractor to provide pre and post photographs and negatives taken from the same perspective. This will be used to assess the effectiveness of the different types of projects.

KLAMATH RIVER FISHERY RESTORATION PROGRAM **FISCAL YEAR 2004** PROJECT SUMMARY SHEET

USFWS PROJECT NO.	
-------------------	--

	USFWS PROJECT NO.
Please complete items 1-14.	
1. PROPOSER/ORGANIZATIO	<u>ON</u> :
2. ADDRESS:	
3. <u>CITY</u> :	
4. <u>STATE</u> :	
5. <u>ZIP CODE</u> :	
6. <u>CONTACT PERSON</u> :	
7. TELEPHONE NUMBER:	Office - Home -
8. PROJECT TITLE:	
9. OBJECTIVE:	
10. FUNDING REQUESTED:	
11. MATCHING FUNDS or IN-K	IND CONTRIBUTIONS:
12. <u>SUBBASIN:</u>	
13. SPECIES BENEFITED:	

14. PAST COOPERATOR: YES/NO

ESTIMATED BUDGET WORKSHEET PROPOSAL NAME FISCAL YEAR 2004

			Amount Requested	 Project Total
PERSONNEL COSTS:				
Type of Labor List by Task	# of Hours	Hourly Rate		
or type of labor	\$ \$			
TOTAL PERSONNEL COSTS:			\$	\$ \$
OPERATING EXPENSES: Lis	t by Specific Ca	tegories		
Examples: Supplies and Materials			\$	\$ \$
Mileage:miles x/mile	· =		\$	\$ \$
Per diem: for food and lodging			\$	\$ \$
Administrative Overhead (_%)		\$	\$ \$
TOTAL OPERATING EXPENS	ES:		\$	\$ \$
TOTAL FUNDS			\$	\$ \$
PERCENT COST SHARE:	%			

TECHNICAL WORK GROUP EVALUATION CRITERIA REVISED FOR FISCAL YEAR 2004

CRITE	<u>ERIA</u>	MAXIMUM POINTS
1.	Employment of target groups	10
2.	Benefits to priority fish species and stocks	10
3.	Ability of the proposer to successfully implement the proposed project	10
4.	Scientific validity and technical quality	25
5.	Conforms to sub-basin objectives (Refer to Table 1.)	25
6.	Cost effectiveness; including: pricing, resource benefits/costs, development of matching funds and willingness of the proposer to contribute funds or in-kind goods/services	20
	TOTAL	100

Proposals that do not meet the goals and objectives of the Restoration Program (Appendix 1) will not be evaluated or ranked. These criteria are mandatory for all project proposals.

KLAMATH RIVER BASIN FISHERIES TASK FORCE FORMAT FOR SUBBASIN PLANS

Preface: Restoration Program Information

Goals, Task Force authority, basin map

I. Introduction: Describe subbasin planning process and why the Plan is needed; Uses of the Plan (same for all subbasins)

II. Subbasin Introduction

- A. Background Subbasin map; Stakeholder/resource users; cultural and resource history, etc.
- B. Current Status of Watershed Conditions (Including limiting factors, data and restoration needs)
 - 1. Geology (landslides, background geology, and geomorphology)
 - 2. Fish (fish species, population dynamics, and fish habitat)
 - 3. Hydrology
 - 4. Vegetation
 - 5. Fire
 - 6. Land Uses (agriculture, forestry, mining, roads, ownership, dams, diversions, municipal, hydropower)
 - 7. Wildlife
 - 8. Urban
 - 9. Cultural
 - 10. Present water rights and fish protection laws
 - 11. Education
 - 12. Current Environmental Baseline matrix (pathway, habitat indicator, sub-watershed)

III. Subbasin Objectives

Integration of Background and Current Status Information (Example: On Shasta River historic records indicate >80,000 fish. Currently, 3.000. Objective: Increase fall chinook to a minimum of 5,000 over the next 5 years).

IV. Actions

- A. Matrix Description
- **B. Matrix Moments:** Limiting factors, Goals, Planning action (other possibilities: Status, Priority level, Project, Estimated costs, RFP responsible, comments, etc)

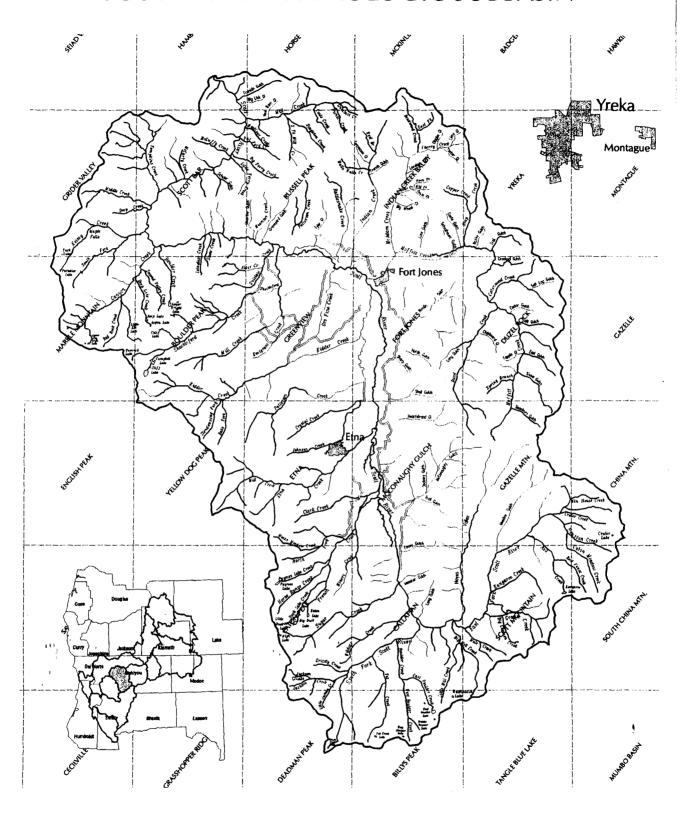
Glossary of Terms

Appendices

- 1. Subbasin Contacts Interested parties; former contractors, agencies, roles of contacts
- 2. RFP Process Information
- 3. Other Funding Sources
- 4. Additional Subbasin Information Sources
- 5. List of Surveyed Stream Would include information provided by cooperators (types of surveys and who to contact)
- 6. Expenditure of RFP Project Funding by Project Category
- 7. Pertinent Regulation Information
- 8. Life Histories of Fish Species
- 9. Work Plan (includes timeline, etc.)

BASE MAPS

SCOTT RIVER HYDROLOGIC SUBBASIN

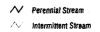


Please indicate the location of the proposed project, identify the project location by placing a colored point on the base map provided. For projects that are linear in nature, please highlight the stream reach of the proposed project.

k. olon-	
USFWS Project Number:	
CDFG Project Number:	
Project Proposer:	
Project Title:	

5 2.5 0	5	10	15
	kilometers		

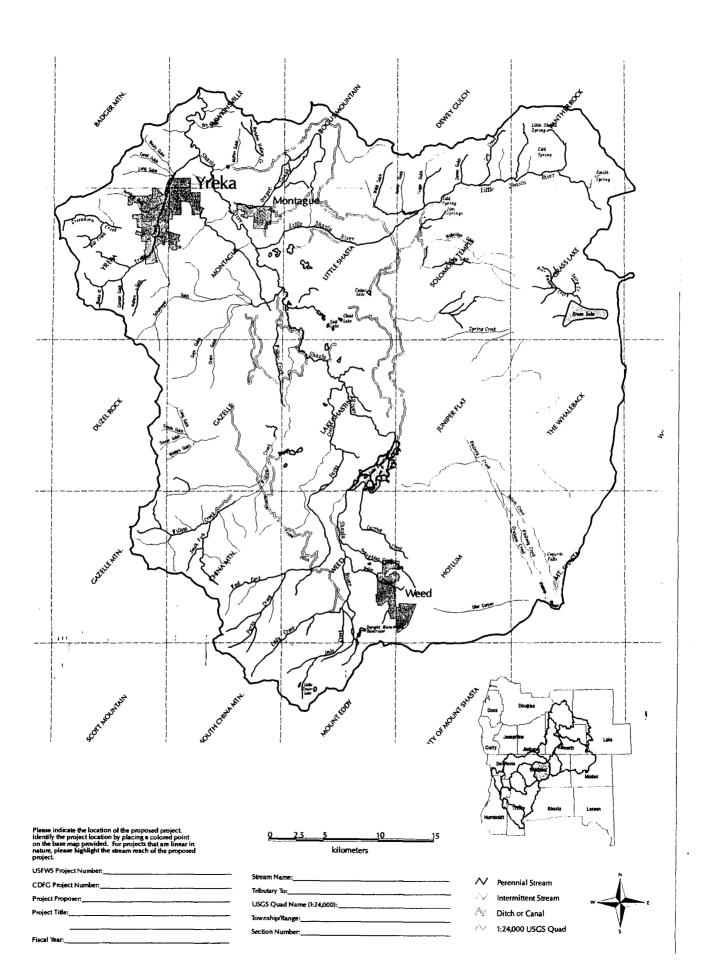
Stream Name:	
Tributary To:	
USGS Quad Name (1:24,000):	
Township/Range:	

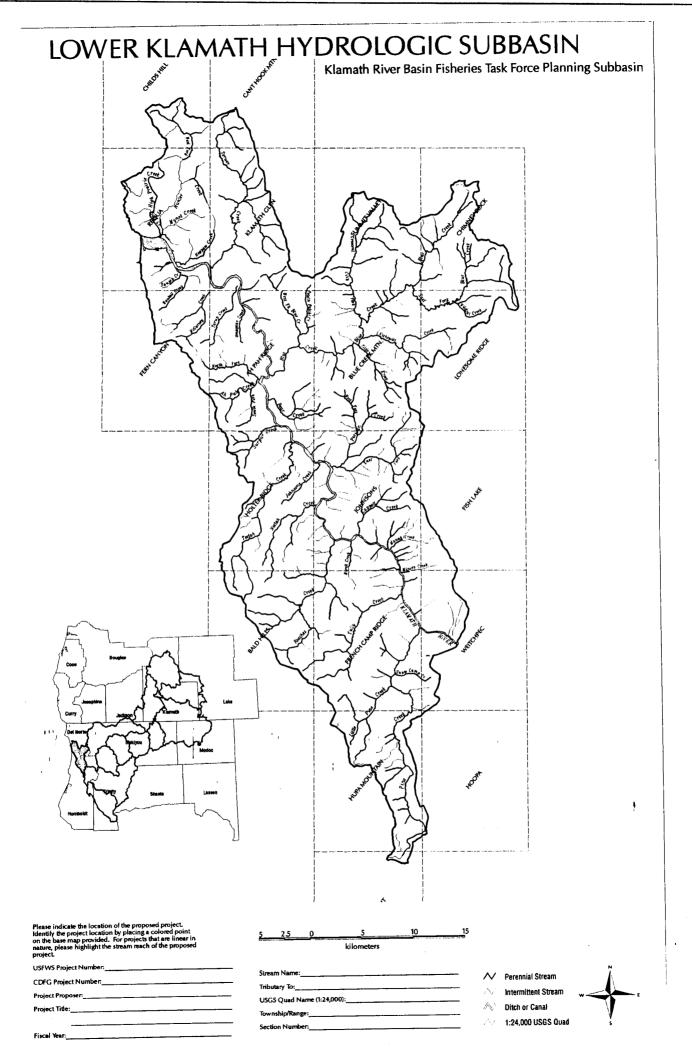






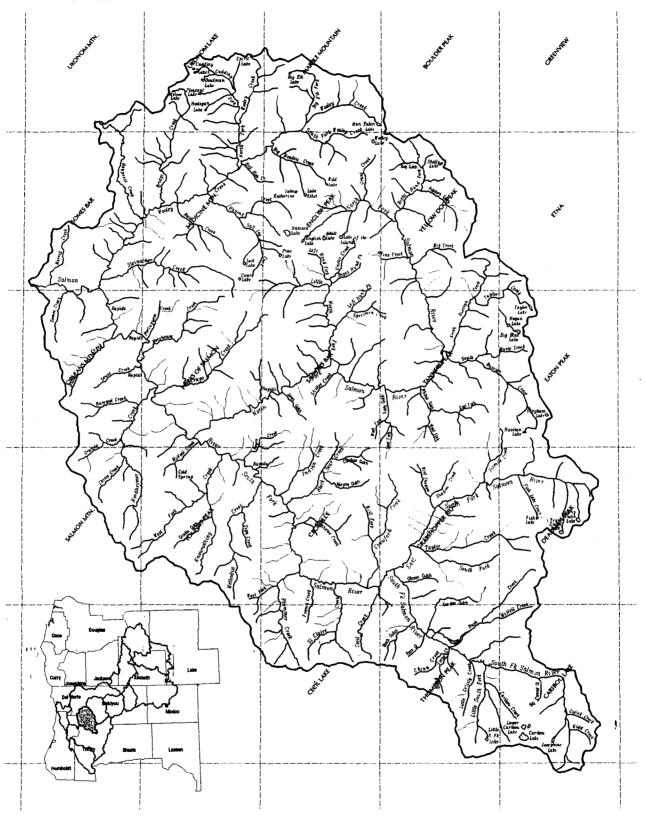
SHASTA RIVER HYDROLOGIC SUBBASIN





Klamath River Basin Fisheries Task Force Planning Subbasin USGS Quad Name (1:24,000):____ Ditch or Canal 1:24,000 USGS Quad Please indicate the location of the proposed project. Identify the project location by placing a colored point on the base map provided. For projects that are linear in nature, please highlight the stream reach of the proposed project. -MIDDLE KLAMATH HYDROLOGIC SUBBASIN Map 2 of 2 Klamath River Basin Fisheries Task Force Planning Subbasin USFWS Project Number: ✓ Perennial Stream CDFG Project Number: Intermittent Stream M Ditch or Canal Project Proposer: / 1:24,000 USGS Quad Project Title:_ Fiscal Year: Stream Name: Tributary To: USGS Quad Name (1:24,000):_ Township/Range: Section Number:

SALMON RIVER HYDROLOGIC SUBBASIN



Please indicate the location of the proposed project, identify the project location by placing a colored point on the base map provided. For projects that are linear in nature, please highlight the stream reach of the proposed project.

Project Title:

2,5 D S

Stream Name:	
Tributary To:	
USGS Quad Name (1:24,000):	
Township/Range:	

✓ Perennial Stream

^√ Intermittent Stream

Ditch or Canal
 1:24,000 USGS Quad

